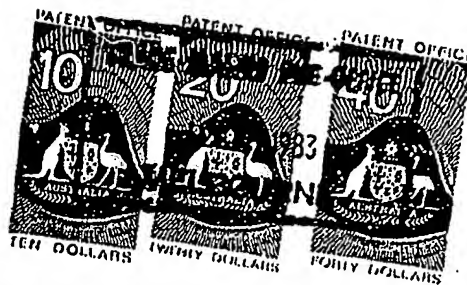


PATENTS ACT 1952



COMPLETE SPECIFICATION

(ORIGINAL)

FOR OFFICE USE

Class:

Int. Cl:

Application Number: 20121/83
Lodged:

Complete Specification—Lodged:
Accepted:
Published:
Priority:

Related Art:

PF 6304

TO BE COMPLETED BY APPLICANT

Name of Applicant: Mr. Milton G. Perkins

Address of Applicant: 8 Lavender Street, Kyneton, 3444,
Victoria, Australia.

Actual Inventor:
AS ABOVE

Address for Service:
AS ABOVE

Complete Specification for the invention entitled:

IMPROVEMENTS IN FENCING WIRE STRAINERS

The following statement is a full description of this invention, including the best method of performing it known to me:—

*Note: The description is to be typed in double spacing, pica type face, in an area not exceeding 250 mm in depth and 160 mm in width, on tough white paper of good quality and it is to be inserted inside this form.

11710/76-L

F. D. Atkinson, Government Printer, Canberra

BEST AVAILABLE COPY

1 THIS INVENTION RELATES TO TO IMPROVEMENTS IN
FENCING WIRE STRAINERS. IT IS DESIGNED TO BE QUICK
AND EASY TO USE BECAUSE THE EXISTING FENCE WIRE DOES
NOT NEED TO BE CUT BEFORE THE TIGHTENING CAN BEGIN.

2 BECAUSE IT SAVES TIME OVER MANY OTHER METHODS
IT BECOMES ECONOMICAL.

3 IT IS A LOW COST ITEM WHICH CAN BE LEFT ON THE WIRE
AND IS READY FOR RE-TIGHTENING THE WIRE AS SOON AS THE
LOOSE HANDLE IS SLIPPED ONTO IT.

4 THIS SAVES HAVING TO CARRY A LOT OF TOOLS/ PARTS
AROUND THE FENCES WHEN THEY NEED RETIGHTENING.

5 FIG. K,L,X,Y,&Z SHOW SOME FORMS THAT THE HANDLE MAY
TAKE.

6 FIGURE M SHOWS A COMMONLY USED CHANNEL SECTION WITH
16 BEING THE MAIN HOLDER WHILE 15 IS THE STOP WHICH IS
AN OPTION TO PREVENT THE STRAINER PART SLIDING THROUGH.

7 FIG K SHOWS THE STRAINER 17 BEING FITTED TO HANDLE.

8 FIG. R SHOWS A CLOSE UP OF THE STRAINER FITTED INTO
THE HOLDER AND BEING PUSHED ONTO THE WIRE

9 FIG. S SHOWS THE EFFECT OF ROTATING THE PART IN A
CLOCKWISE MANNER FROM THE OPERATORS PERSPECTIVE AS THE
WIRE HAS BEEN ROLLED AROUND THE TWO PROTUSIONS 2

10 fig. T PICTURES THE WIRE NEXT BEING CAUGHT BY THE
HOOK 4 AND HELD INTO THE GROOVE. AT THIS STAGE THE
HANDLE HAS BEEN SLIPPED RIGHT OFF AND THE JOB IS COMPLETE.

11 FIG. U SHOWS THE VIEW OF THE FINISHED JOB FROM
AN UNDERNEATH POSITION.

34

ANOTHER WAY OF MAKING THE STRAINER IS TO MAKE PARTS
TO ASSEMBLE TO FORM WHAT IS SHOWN IN FIG. V

IT CONSISTS OF A MACHINED/MILLED TRUNNION WHICH
IS SECURED TO THE BODY OF A PRESSED METAL PART BY A PRESS
FIT, STAKING OR SOME WELD OR ANY OTHER MEANS AT 3

35

IT HAS TWO PROTUSIONS 2 AND A HOOK 4 AND HAS
A SIMILAR BODY WITH TWO EDGES ON THE SIDES BEING IN THE
SAME PLANE HAVING THESE LONG SIDES PARALELL TO FIT INTO
A REMOVABLE TYPE HANDLE.

36

IT IS USED IN AN IDENTICAL MANNER AS THE PREVIOUS ONE.

THE PART CAN BE TAPERED ALONG THE LONGEST SIDES TO
FIT INTO A TAPERED CHANNEL TYPE HOLDER.

37

THIS DESIGN COULD ALSO BE MADE BY CHANGING SLIGHTLY
TO FACILITATE A HOT METAL CASTING.

ONE OTHER WAY ALSO IS TO USE SINTERED METAL.

38

39

40

CLAIMS

48 THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A CAST METAL WIRE STRAINER HAVING A BODY WITH 2 EDGES ON THE SAME PLANE, PARALLEL TO ONE ANOTHER THAT CAN SLIDE INTO A REMOVABLE HANDLE WITH A CHANNEL, THEN ROLL UP THE WIRE AND HOOK ONTO IT TO RETAIN THE TENSION.

49 2. A CAST METAL WIRE STRAINER HAVING A BODY WITH 2 EDGES ON THE SAME PLANE, NOT PARALLEL TO ONE ANOTHER THAT CAN SLIDE INTO A REMOVABLE HANDLE WITH A CHANNEL, THEN ROLL UP THE WIRE AND HOOK ONTO IT TO RETAIN THE TENSION.

50 3. AN INJECTION MOULDED WIRE STRAINER HAVING A BODY WITH 2 EDGES ON THE SAME PLANE, PARALLEL TO ONE ANOTHER THAT CAN SLIDE INTO A REMOVABLE HANDLE WITH A CHANNEL, THEN ROLL UP THE WIRE AND HOOK ONTO IT TO RETAIN THE TENSION.

51 4. AN INJECTION MOULDED WIRE STRAINER HAVING A BODY WITH 2 EDGES ON THE SAME PLANE, NOT PARALLEL TO ONE ANOTHER THAT CAN SLIDE INTO A REMOVEABLE CHANNEL TYPE HANDLE, THEN ROLL UP THE WIRE AND HOOK ONTO IT TO RETAIN THE TENSION.

52 5. A WIRE STRAINER MADE OF ONE TURNED METAL PART AND A PRESSED METAL BODY HAVING TWO EDGES IN THE SAME PLANE PARALLEL TO ONE ANOTHER, WHICH ARE PRESSED TOGETHER THEN IT IS USED BY SLIDING INTO A REMOVABLE HANDLE WITH A CHANNEL, THEN ROLLS UP THE WIRE AND HOOKS ONTO IT TO RETAIN THE TENSION.

53

54

55

6. A WIRE STRAINER MADE OF ONE MACHINED METAL PART AND A PRESSED METAL BODY HAVING TWO EDGES IN THE SAME PLANE NOT PARALLEL TO ONE ANOTHER, WHICH ARE WELDED TOGETHER AND THEN IT IS USED BY SLIDING INTO A REMOVABLE HANDLE WITH A CHANNEL SECTION, THEN ROLLS UP THE WIRE AND HOOKS ONTO IT TO RETAIN THE TENSION AFTER THE HANDLE IS REMOVED .

56

7. A WIRE STRAINER MADE OF ONE TURNED METAL PART AND A PRESSED METAL BODY, HAVING TWO EDGES IN THE SAME PLANE NOT PARALLEL TO ONE ANOTHER, WHICH ARE PRESSED TOGETHER THEN USED BY SLIDING INTO A REMOVABLE HANDLE WITH A CHANNEL SECTION, THEN ROLLS UP THE WIRE AND HOOKS ONTO IT TO RETAIN THE TENSION.

57

58

8. A WIRE STRAINER MADE OF ONE MACHINED METAL PART AND A PRESSED METAL BODY HAVING TWO EDGES IN THE SAME PLANE PARALLEL TO ONE ANOTHER, WHICH ARE WELDED TOGETHER AND THEN USED BY SLIDING INTO A REMOVABLE HANDLE WITH A CHANNEL SECTION, THEN ROLLS UP THE WIRE AND HOOKS ONTO IT TO RETAIN THE TENSION, AFTER WHICH THE HANDLE IS REMOVED.

59

9. A WIRE STRAINER MADE FROM PRESSED METAL, HAVING TWO EDGES ON THE SAME PLANE, PARALLEL TO ONE ANOTHER THAT CAN SLIDE INTO A REMOVABLE HANDLE WITH A CHANNEL SECTION, ROLL UP THE WIRE AND HOOK ONTO IT TO RETAIN THE TENSION.

60

61

10. A WIRE STRAINER MADE FROM PRESSED METAL , HAVING TWO
EDGES ON THE SAME PLANE NOT PARALELL TO ONE ANOTHER THAT
CAN SLIDE INTO A REMOVABLE HANDLE WITH A CHANNEL SECTION ,
ROLL UP THE WIRE AND THEN HOOK ONTO IT TO RETAIN THE
TENSION AFTER WHICH THE HANDLE IS REMOVED.

62

63

64

65

66

67

Dated this Tenth day of October 1983


MILTON G. PERKINS

DRAWINGS

00000

12 10 00

8

9

10

11

12

13

FIG. N

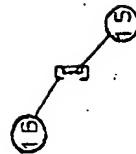
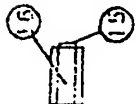


FIG. M



centre line

FIG. K

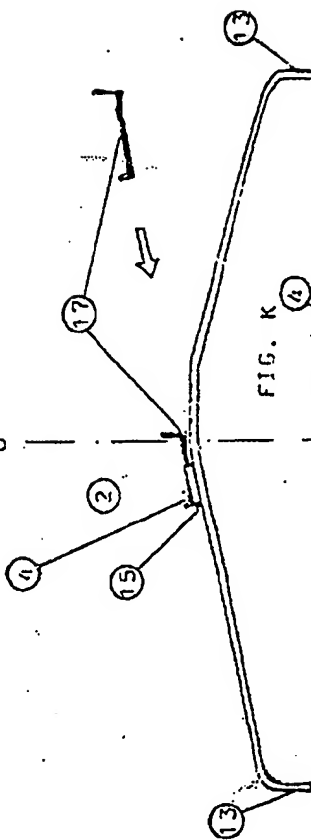


FIG. L

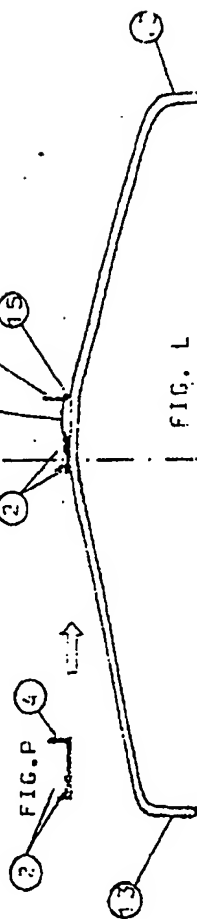


FIG. P



21

Fig R

22

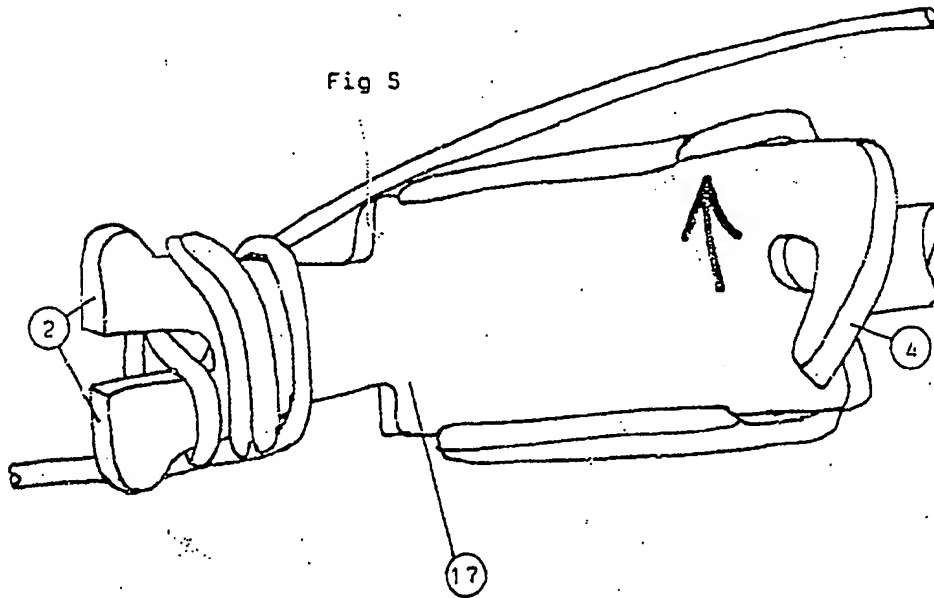
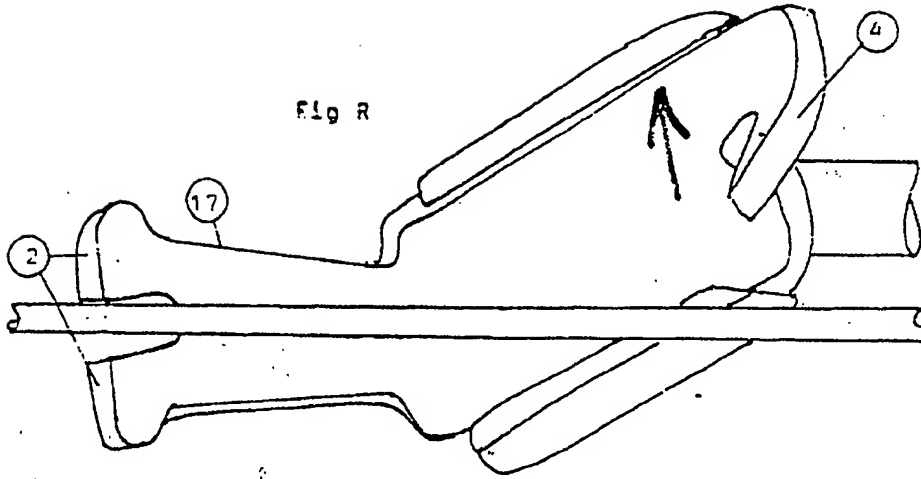
23

24

25

25

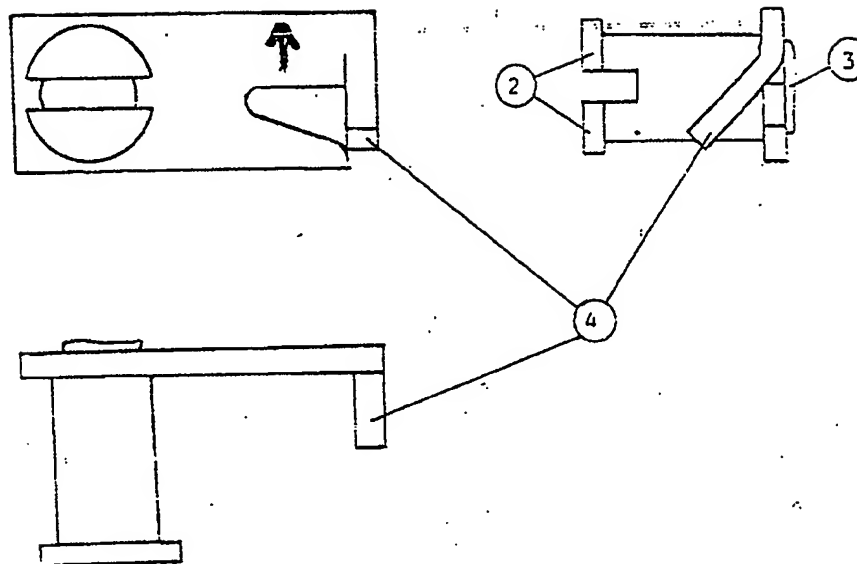
27



41

Fig V

42



43

44

45

46

47

Fig. T

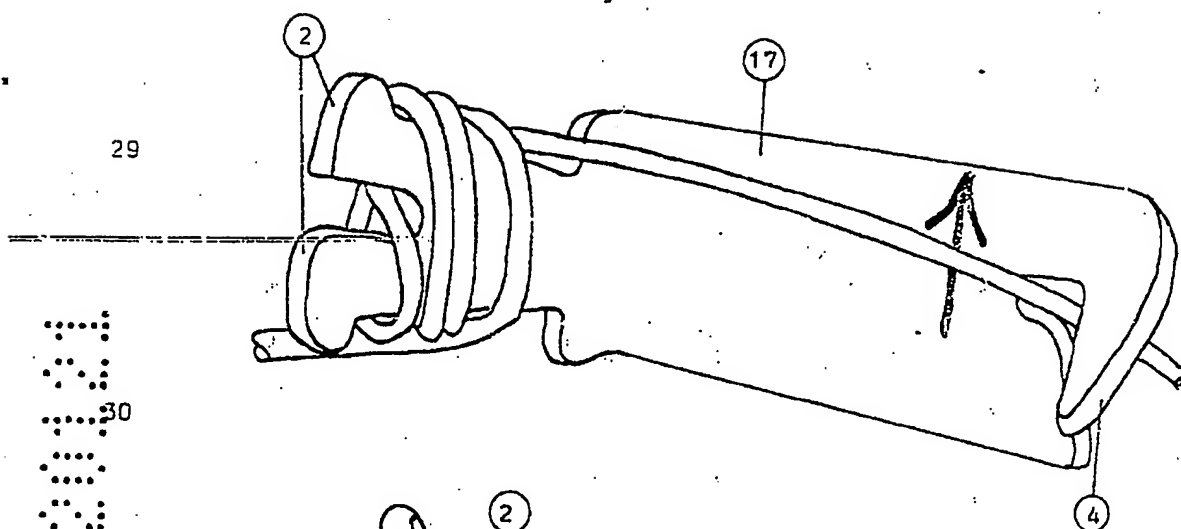
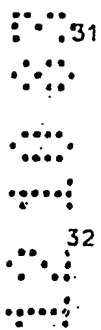
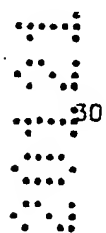
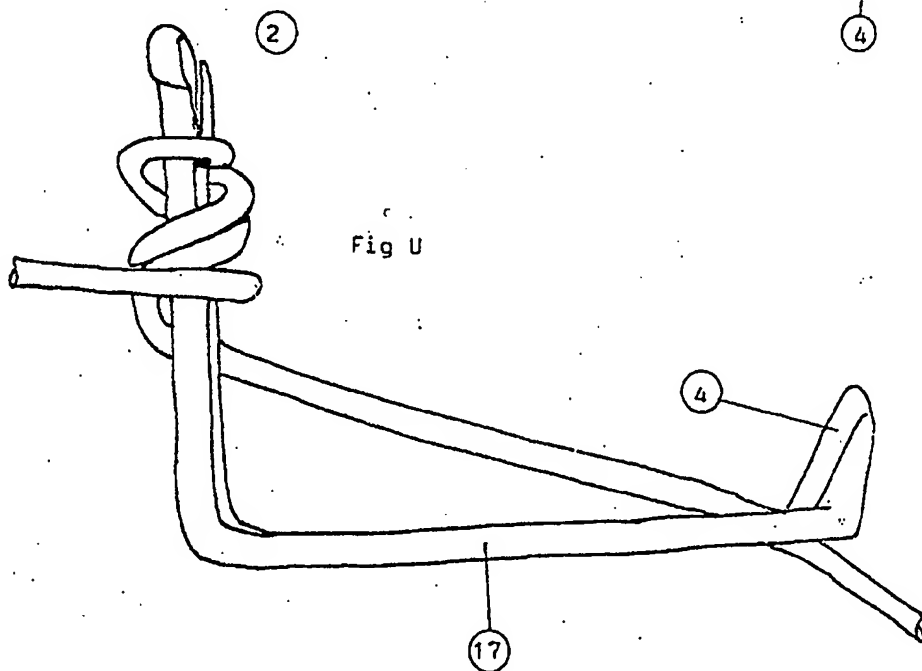
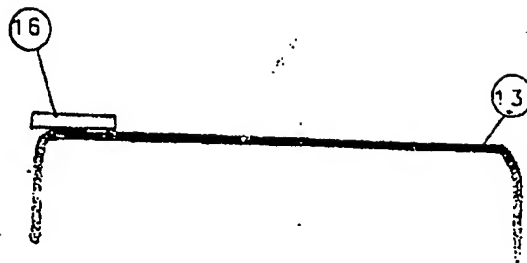


Fig U



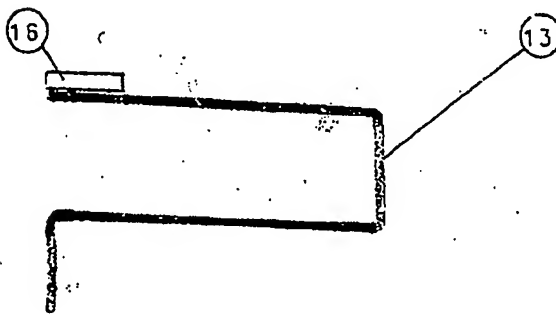
14

Fig X



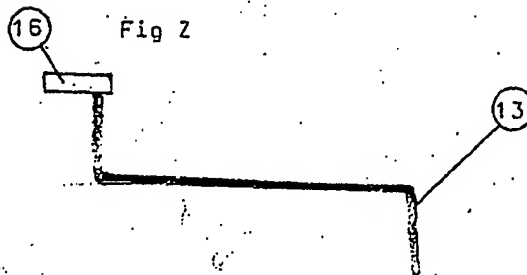
15

Fig Y



17

Fig Z



18

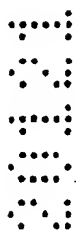
19

20

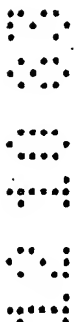
41

Fig V

42



43

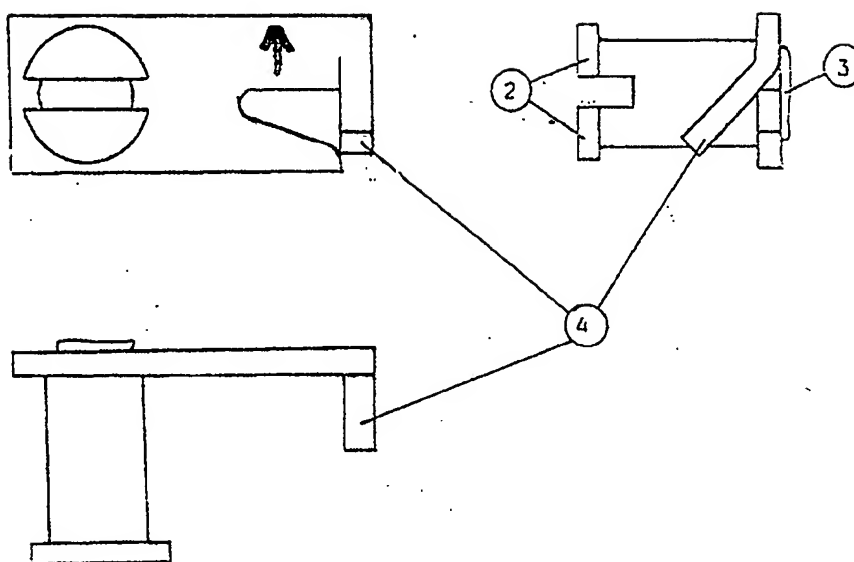


44

45

46

47



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☒ **FADED TEXT OR DRAWING**

☒ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☒ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.